Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040522\
Data File : BN019350.D
Acq On : 05 Apr 2022 15:16
Operator : CG/JU
Sample : PB143842BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Quant Time: Apr 06 02:31:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration

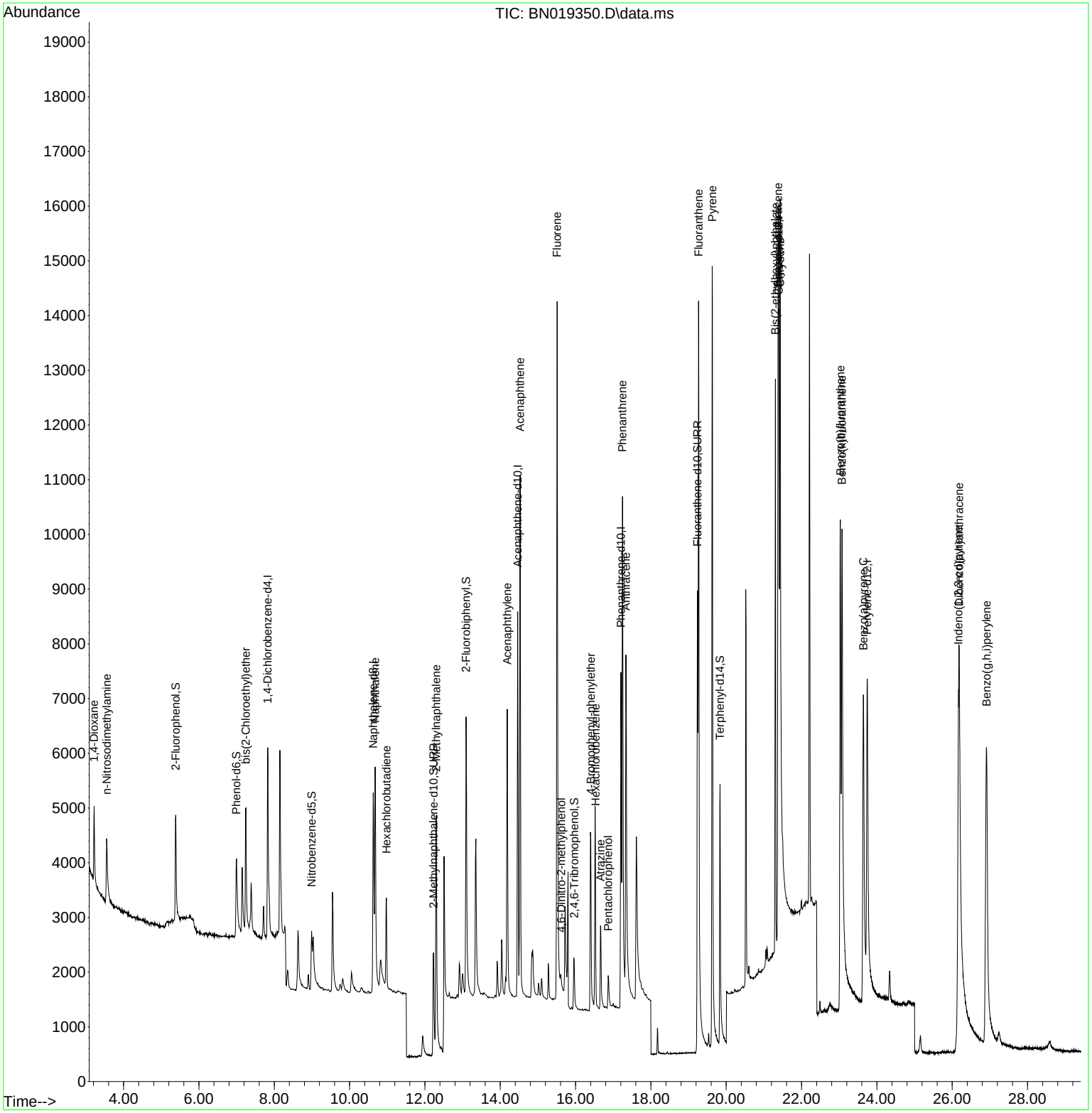
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.825	152	2056	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	6038	0.400	ng	#	0.00
13) Acenaphthene-d10	14.463	164	4278	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	10070	0.400	ng		0.00
29) Chrysene-d12	21.395	240	10222	0.400	ng	#	0.00
35) Perylene-d12	23.744	264	10649	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	1984	0.360	ng		0.00
5) Phenol-d6	6.995	99	1899	0.287	ng		0.00
8) Nitrobenzene-d5	8.993	82	1550	0.283	ng		0.01
11) 2-Methylnaphthalene-d10	12.227	152	3547	0.335	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	745	0.287	ng		0.01
15) 2-Fluorobiphenyl	13.095	172	5681	0.319	ng		0.00
27) Fluoranthene-d10	19.236	212	11973	0.369	ng		0.00
31) Terphenyl-d14	19.834	244	7388	0.333	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.218	88	912	0.371	ng		95
3) n-Nitrosodimethylamine	3.550	42	1071	0.329	ng	#	97
6) bis(2-Chloroethyl)ether	7.248	93	2210	0.331	ng		100
9) Naphthalene	10.680	128	6570	0.369	ng		97
10) Hexachlorobutadiene	10.979	225	1446	0.373	ng	#	100
12) 2-Methylnaphthalene	12.299	142	4182	0.338	ng		97
16) Acenaphthylene	14.185	152	6752	0.318	ng		100
17) Acenaphthene	14.527	154	4890	0.346	ng		99
18) Fluorene	15.511	166	6388	0.343	ng		100
20) 4,6-Dinitro-2-methylph...	15.618	198	272	0.147	ng	#	30
21) 4-Bromophenyl-phenylether	16.405	248	2102	0.310	ng		96
22) Hexachlorobenzene	16.528	284	2798	0.352	ng		99
23) Atrazine	16.661	200	1738	0.311	ng		94
24) Pentachlorophenol	16.866	266	469	0.152	ng		97
25) Phenanthrene	17.246	178	11194	0.331	ng		99
26) Anthracene	17.338	178	9183	0.309	ng		99
28) Fluoranthene	19.265	202	14936	0.373	ng		100
30) Pyrene	19.628	202	15964	0.336	ng		99
32) Benzo(a)anthracene	21.377	228	12017	0.318	ng		99
33) Chrysene	21.431	228	14613	0.348	ng		99
34) Bis(2-ethylhexyl)phtha...	21.306	149	8864	0.315	ng		100
36) Indeno(1,2,3-cd)pyrene	26.167	276	15232	0.342	ng		97
37) Benzo(b)fluoranthene	23.030	252	12433	0.298	ng		95
38) Benzo(k)fluoranthene	23.074	252	13378	0.307	ng		97
39) Benzo(a)pyrene	23.641	252	11486	0.306	ng	#	88
40) Dibenzo(a,h)anthracene	26.185	278	11877	0.344	ng		95
41) Benzo(g,h,i)perylene	26.913	276	14982	0.363	ng		99

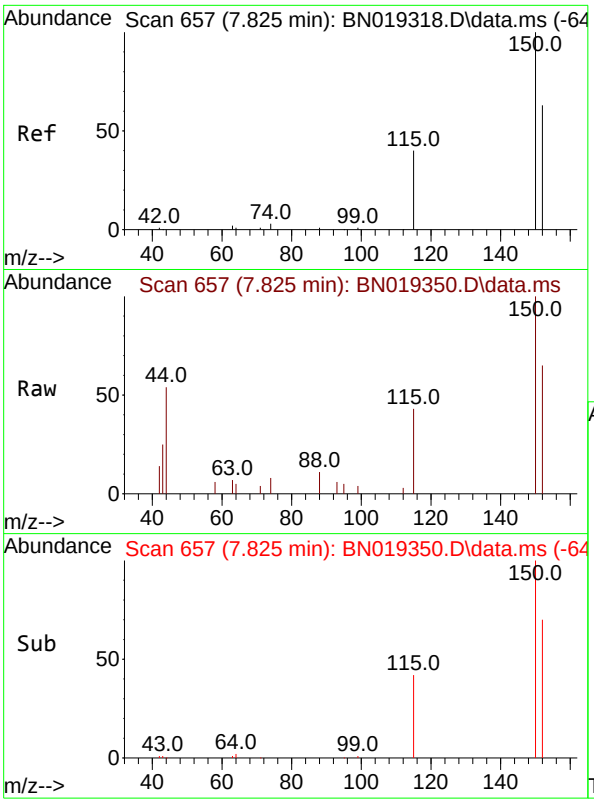
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040522\
Data File : BN019350.D
Acq On : 05 Apr 2022 15:16
Operator : CG/JU
Sample : PB143842BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Quant Time: Apr 06 02:31:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration



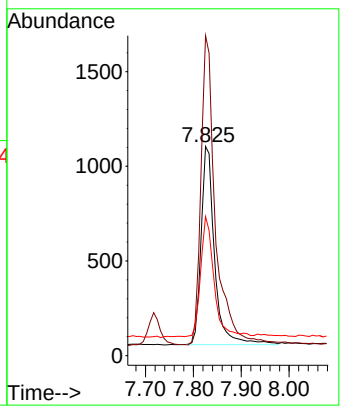


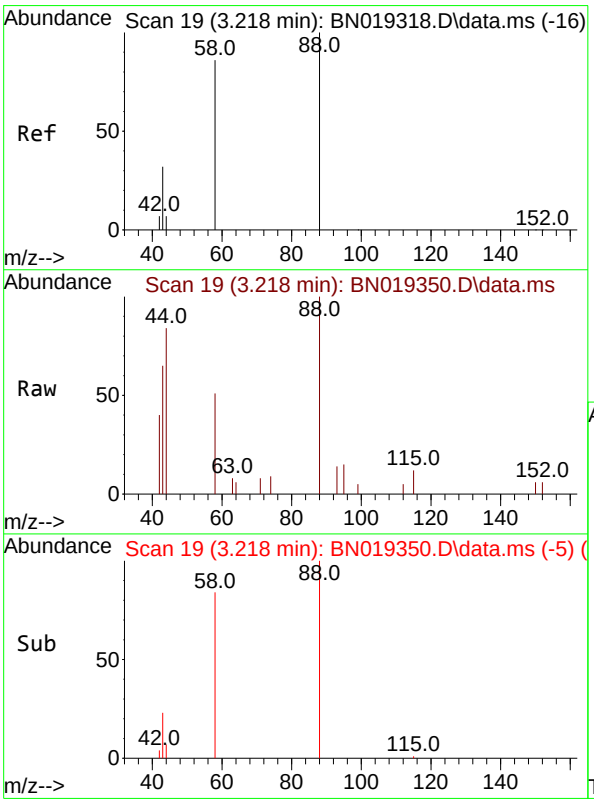
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:152 Resp: 2056

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.9	185.9
115	66.5	48.2	72.4

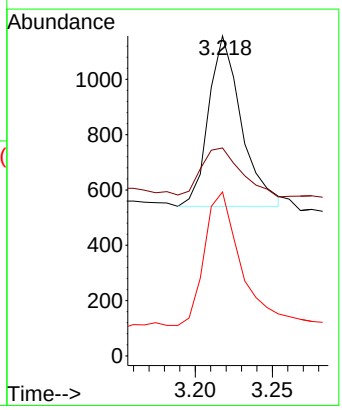


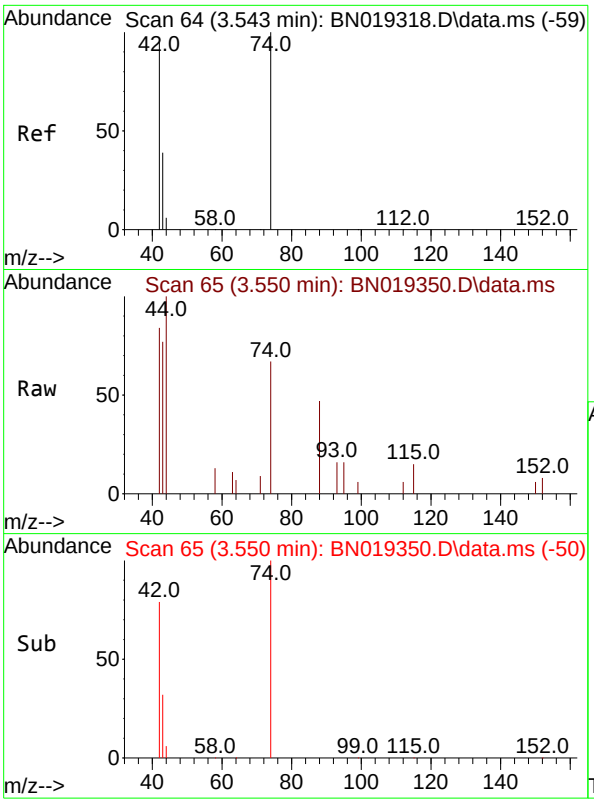


#2
1,4-Dioxane
Concen: 0.371 ng
RT: 3.218 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion: 88 Resp: 912

Ion	Ratio	Lower	Upper
88	100		
43	35.0	24.6	37.0
58	85.5	65.4	98.2



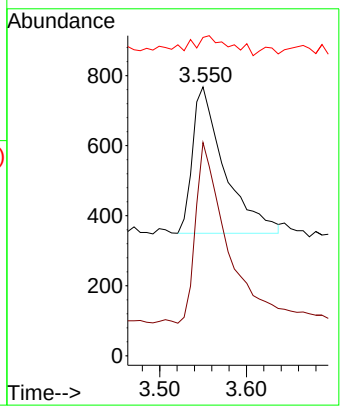


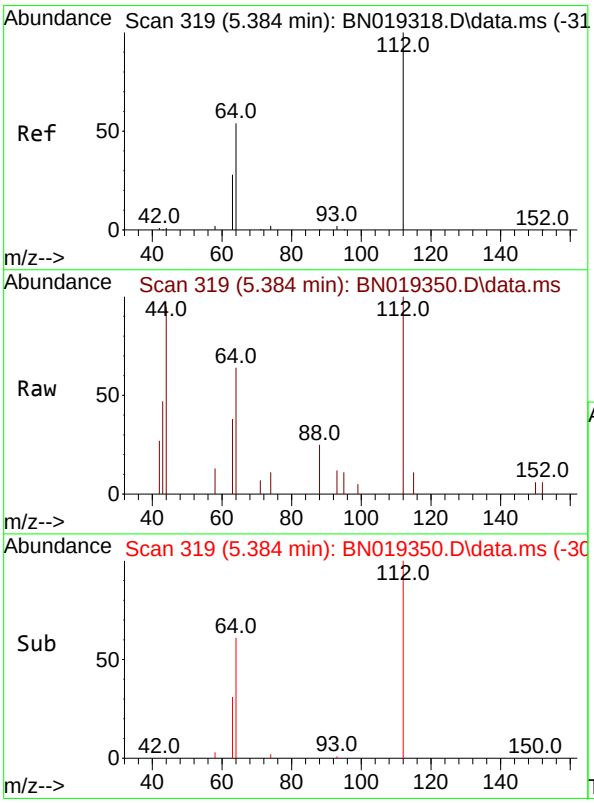
#3
n-Nitrosodimethylamine
Concen: 0.329 ng
RT: 3.550 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion: 42 Resp: 1071

Ion	Ratio	Lower	Upper
42	100		
74	122.7	96.9	145.3
44	16.3	7.3	10.9#

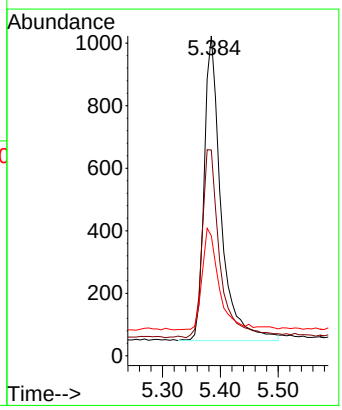


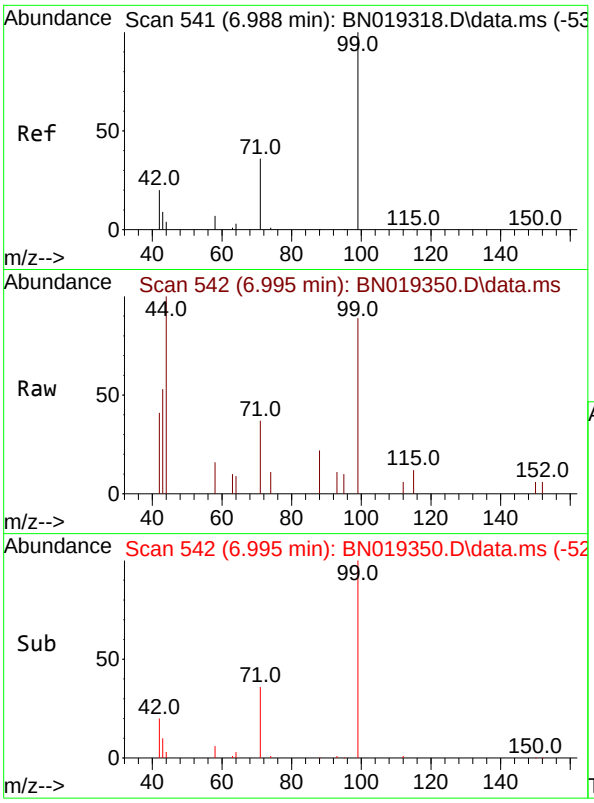


#4
2-Fluorophenol
Concen: 0.360 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion:112 Resp: 1984

Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.8	71.8
63	33.0	25.7	38.5



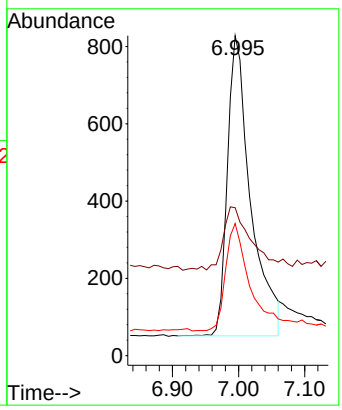


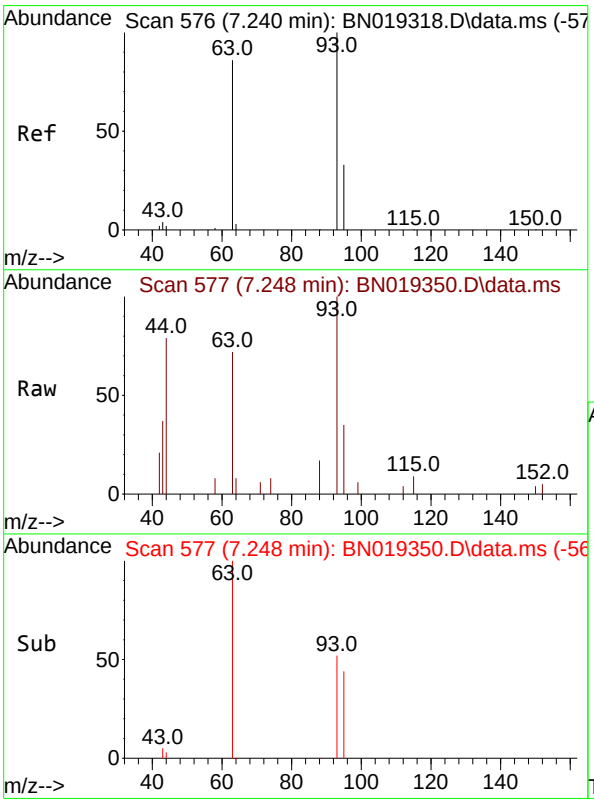
#5
Phenol-d6
Concen: 0.287 ng
RT: 6.995 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion: 99 Resp: 1899

Ion	Ratio	Lower	Upper
99	100		
42	23.7	16.2	24.4
71	36.3	27.7	41.5

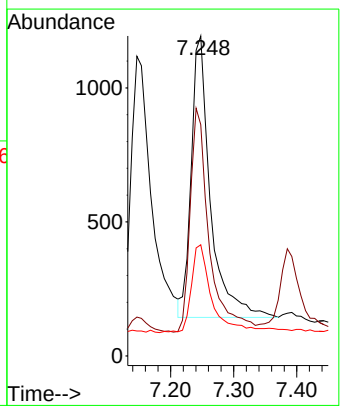


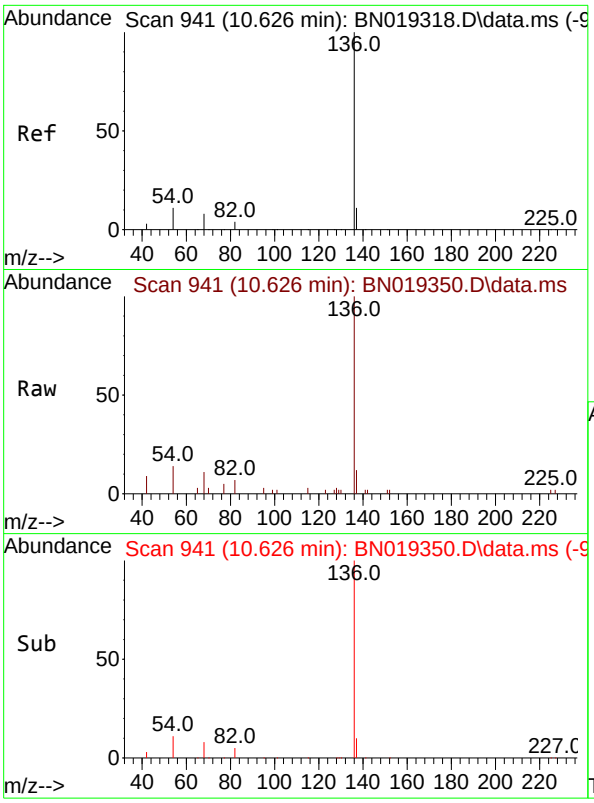


#6
bis(2-Chloroethyl)ether
Concen: 0.331 ng
RT: 7.248 min Scan# 577
Delta R.T. 0.007 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion: 93 Resp: 2210

Ion	Ratio	Lower	Upper
93	100		
63	78.7	62.8	94.2
95	33.2	26.2	39.4



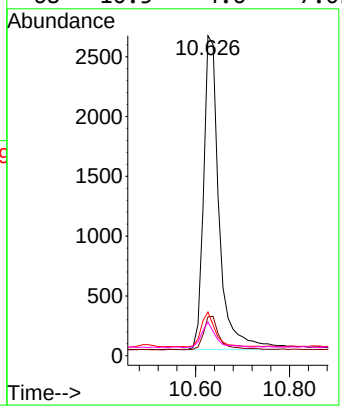


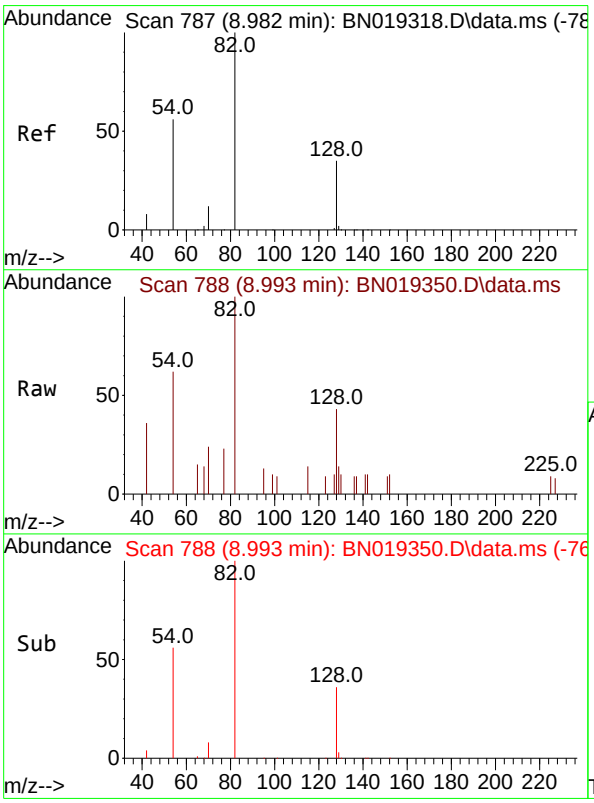
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:136 Resp: 6038

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.0	13.4
54	13.7	5.8	8.6#
68	10.5	4.6	7.0#

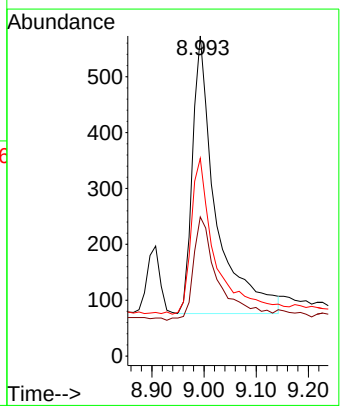


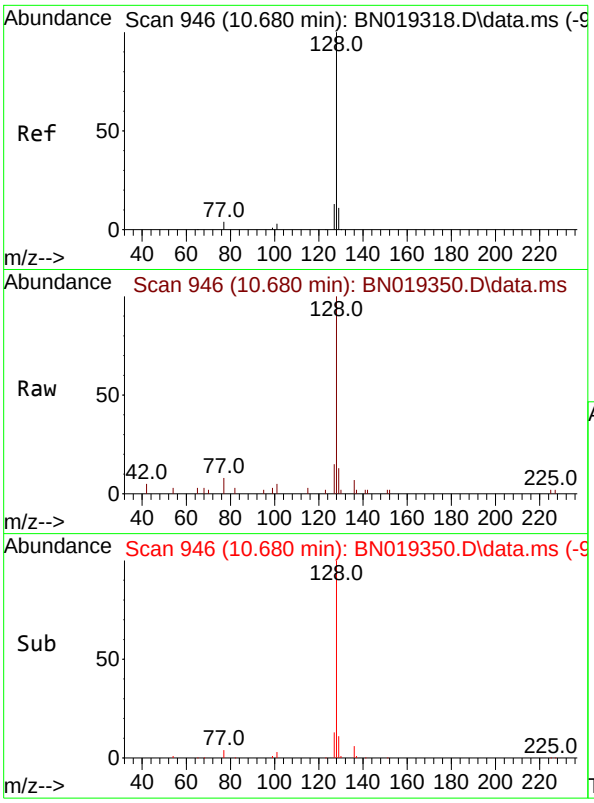


#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.011 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion: 82 Resp: 1550

Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.0	49.6
54	61.8	42.5	63.7



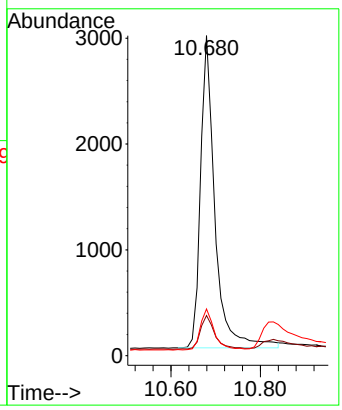


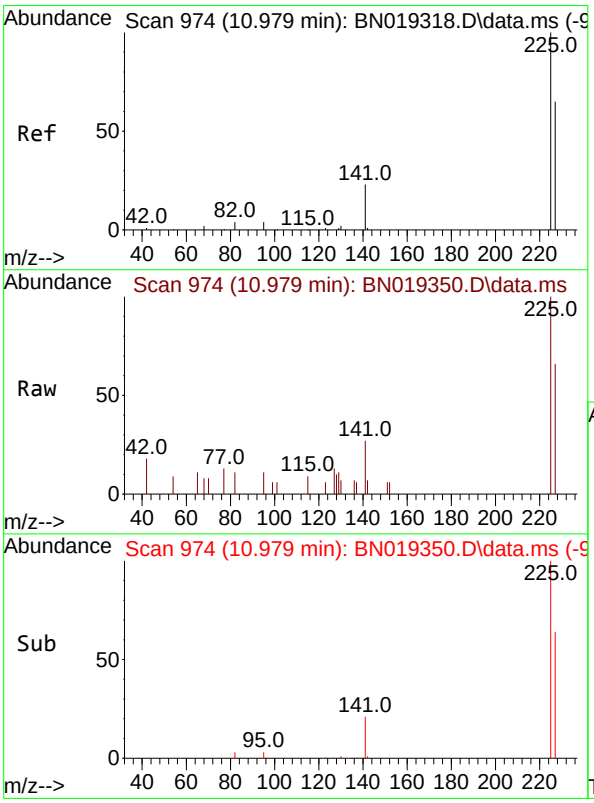
#9
Naphthalene
Concen: 0.369 ng
RT: 10.680 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:128 Resp: 6570

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.0	13.4
127	14.6	10.7	16.1

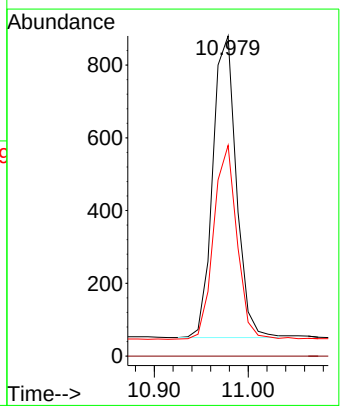


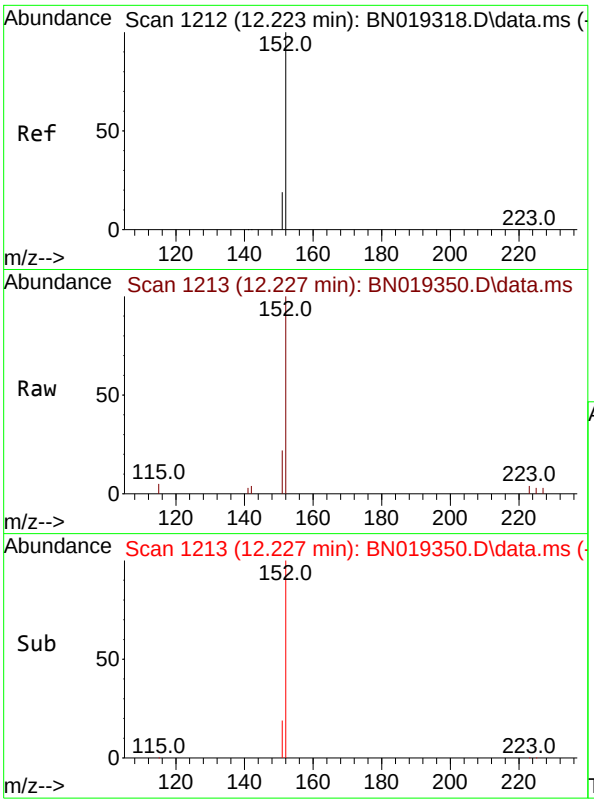


#10
Hexachlorobutadiene
Concen: 0.373 ng
RT: 10.979 min Scan# 974
Delta R.T. 0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion:225 Resp: 1446

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.0	76.6



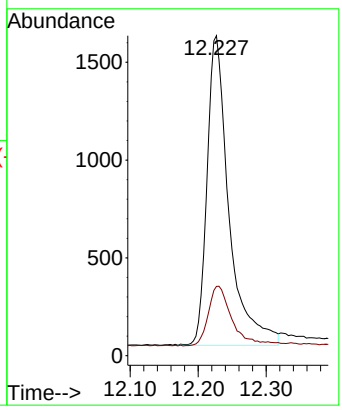


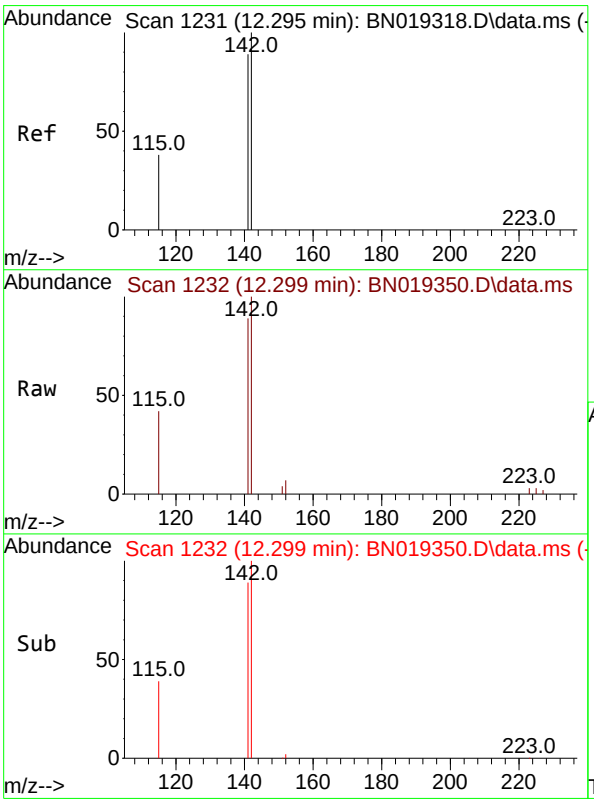
#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.227 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:152 Resp: 3547

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.5	24.7

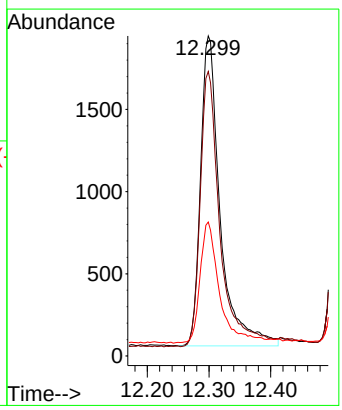


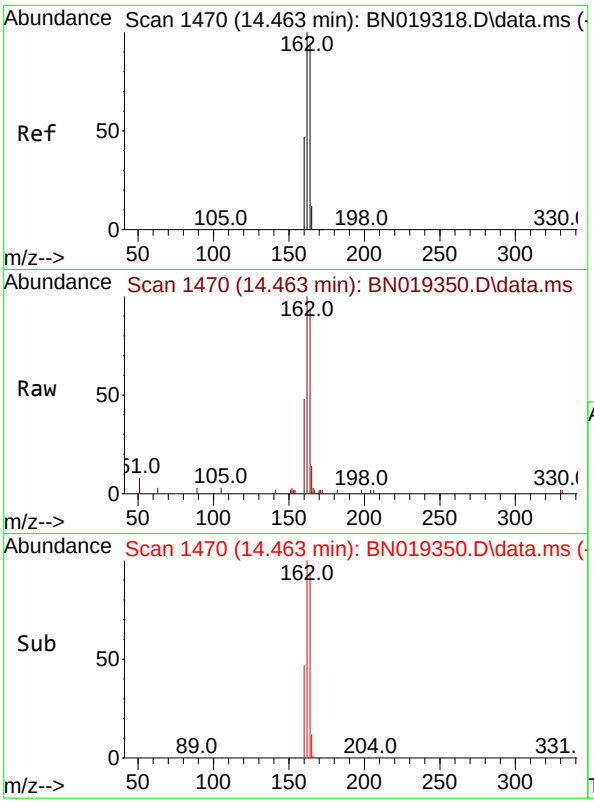


#12
2-Methylnaphthalene
Concen: 0.338 ng
RT: 12.299 min Scan# 1232
Delta R.T. 0.004 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion:142 Resp: 4182

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.0	105.0
115	41.9	29.8	44.8



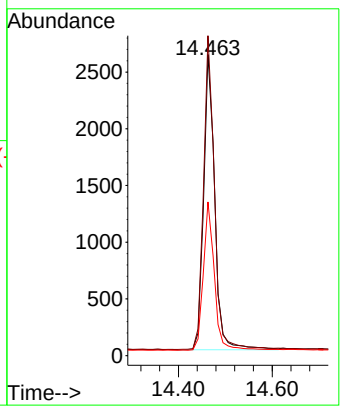


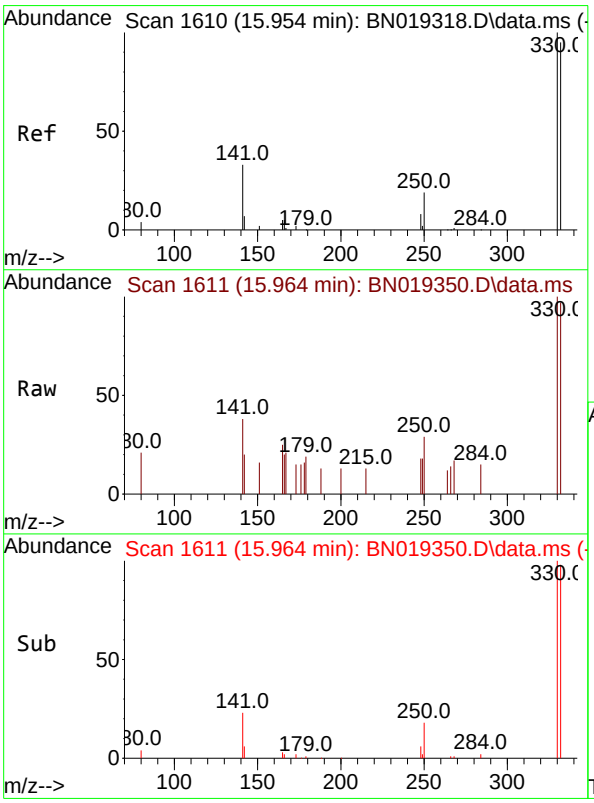
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:164 Resp: 4278

Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.2	127.8
160	51.1	41.5	62.3

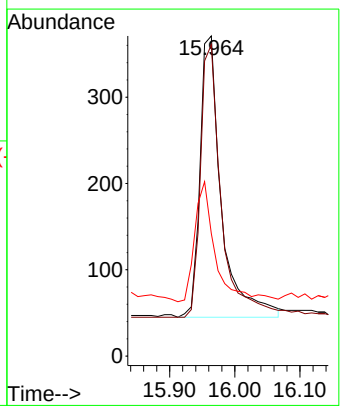


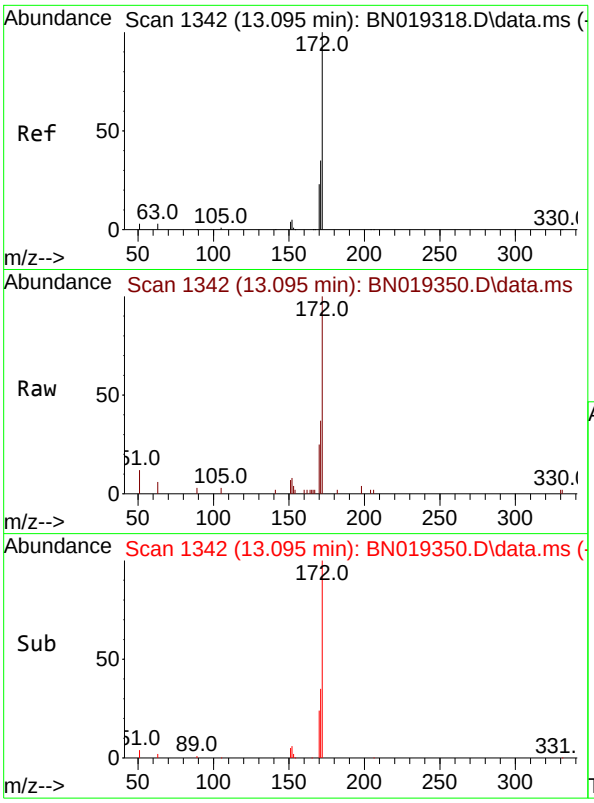


#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.010 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion:330 Resp: 745

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.8	115.2
141	41.3	32.2	48.2



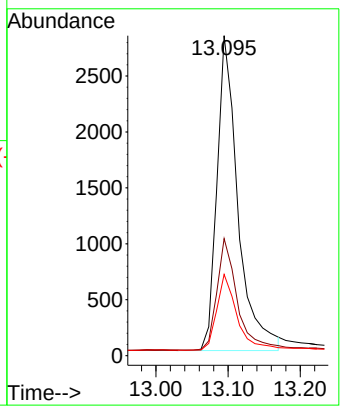


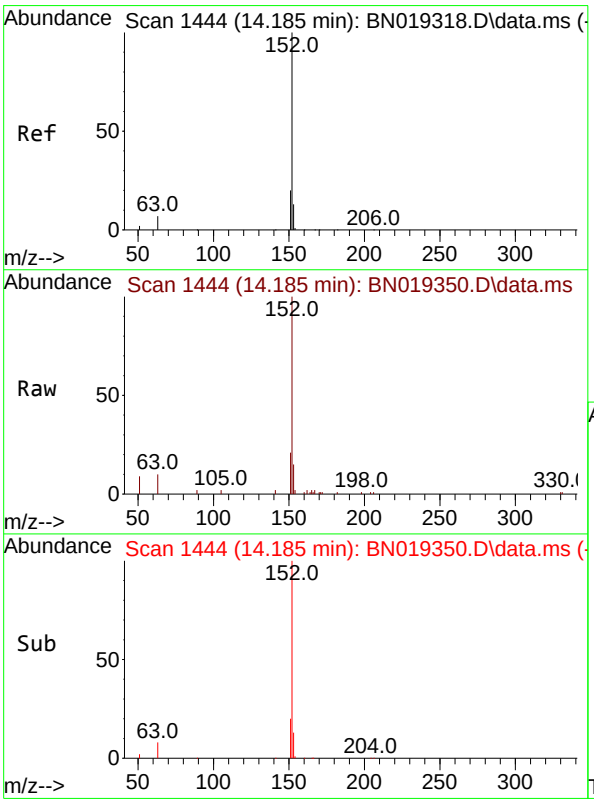
#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 13.095 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:172 Resp: 5681

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.2	42.2
170	25.4	18.7	28.1

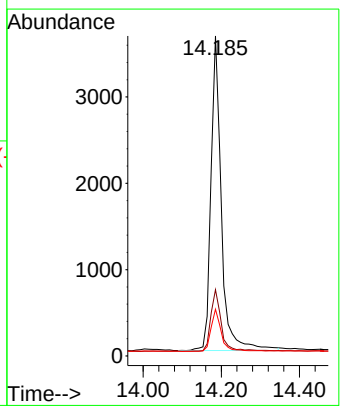


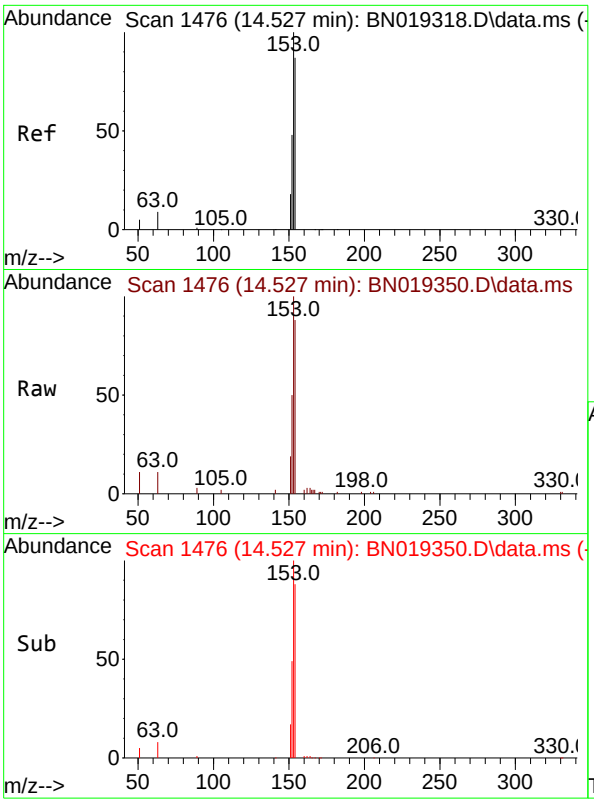


#16
Acenaphthylene
Concen: 0.318 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion:152 Resp: 6752

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.3	10.6	15.8



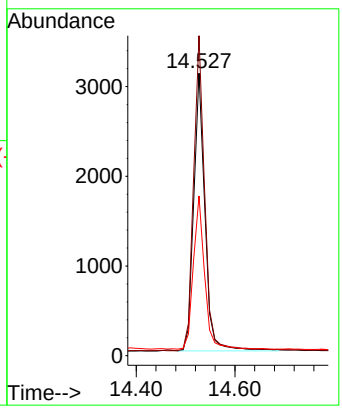


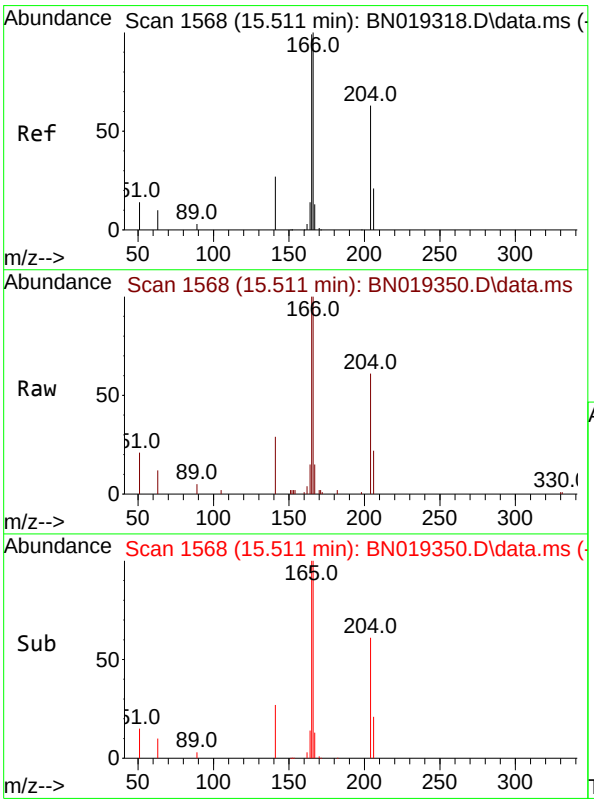
#17
Acenaphthene
Concen: 0.346 ng
RT: 14.527 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:154 Resp: 4890

Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.7	134.5
152	55.3	44.7	67.1

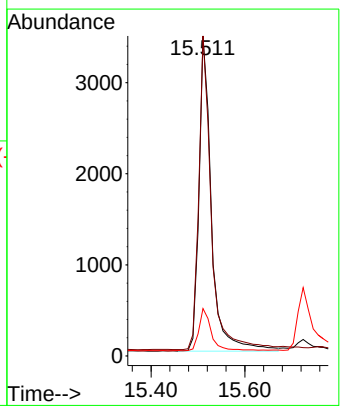


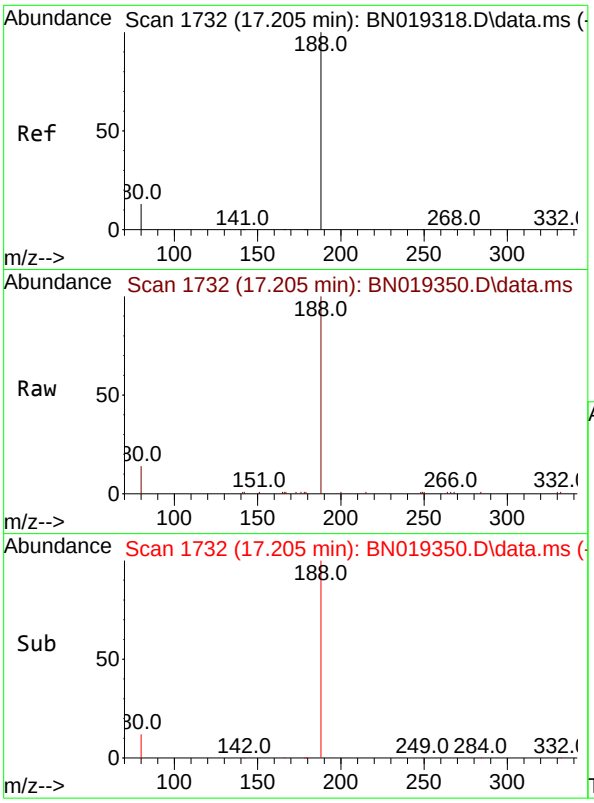


#18
Fluorene
Concen: 0.343 ng
RT: 15.511 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion:166 Resp: 6388

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.2	118.8
167	13.4	10.7	16.1



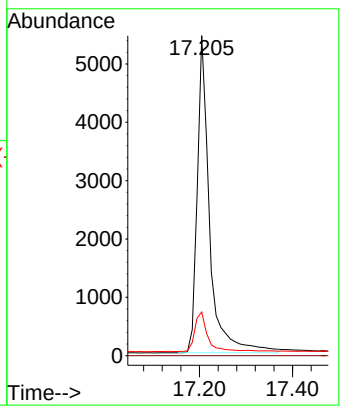


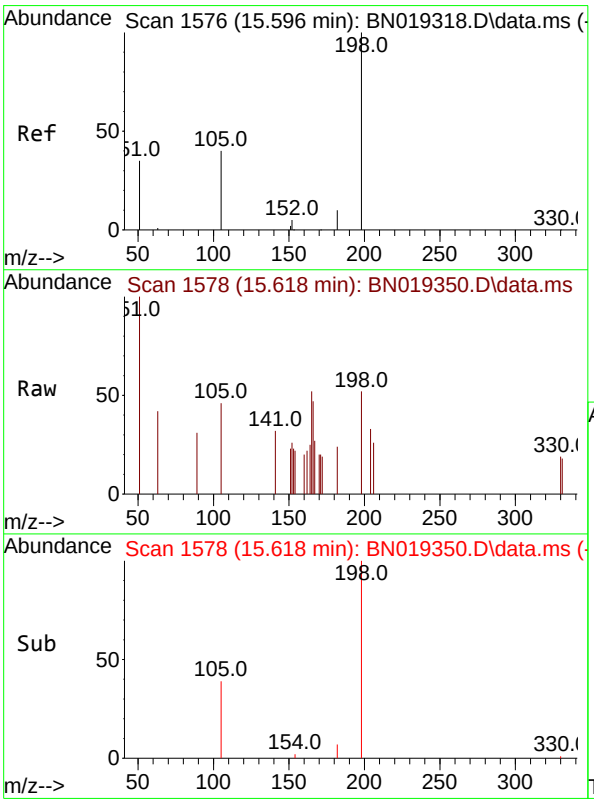
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:188 Resp: 10070

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	11.8	17.8

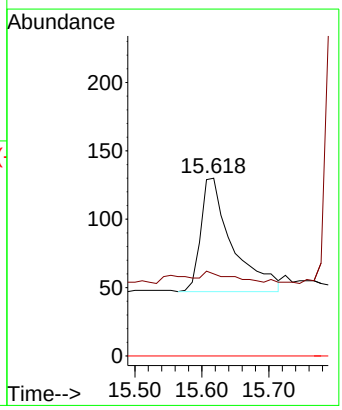


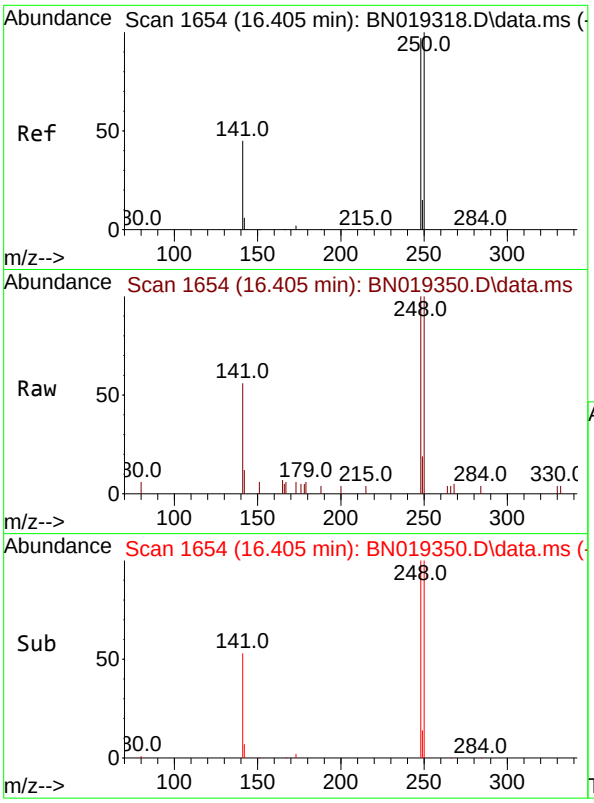


#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.618 min Scan# 1578
Delta R.T. 0.021 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion:198 Resp: 272

Ion	Ratio	Lower	Upper
198	100		
182	46.2	13.0	19.4#
77	0.0	0.0	0.0



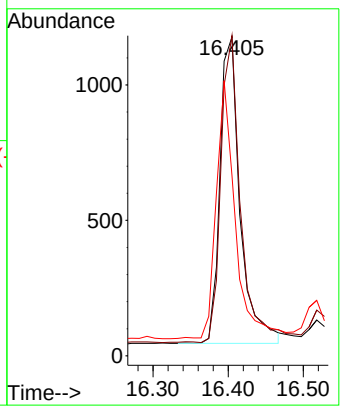


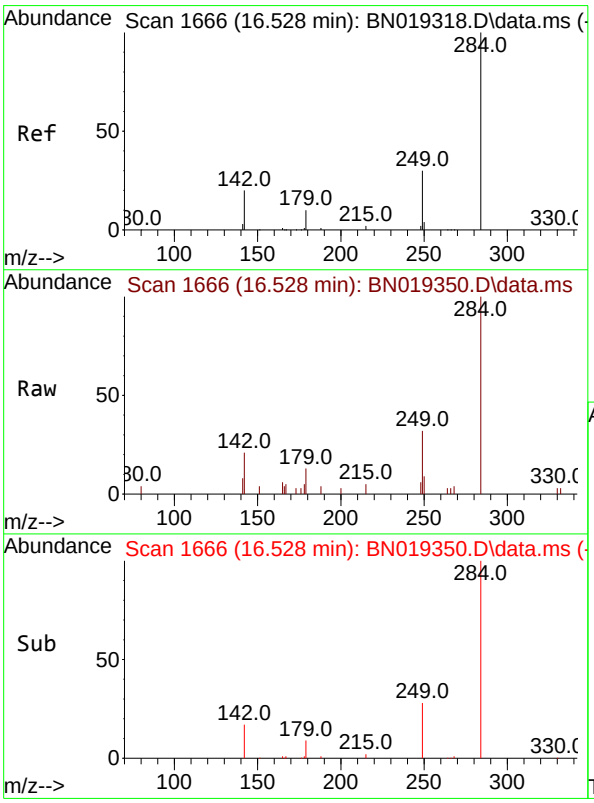
#21
4-Bromophenyl-phenylether
Concen: 0.310 ng
RT: 16.405 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:248 Resp: 2102

Ion	Ratio	Lower	Upper
248	100		
250	100.4	80.7	121.1
141	56.6	39.6	59.4

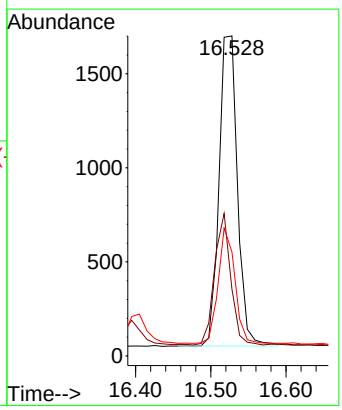


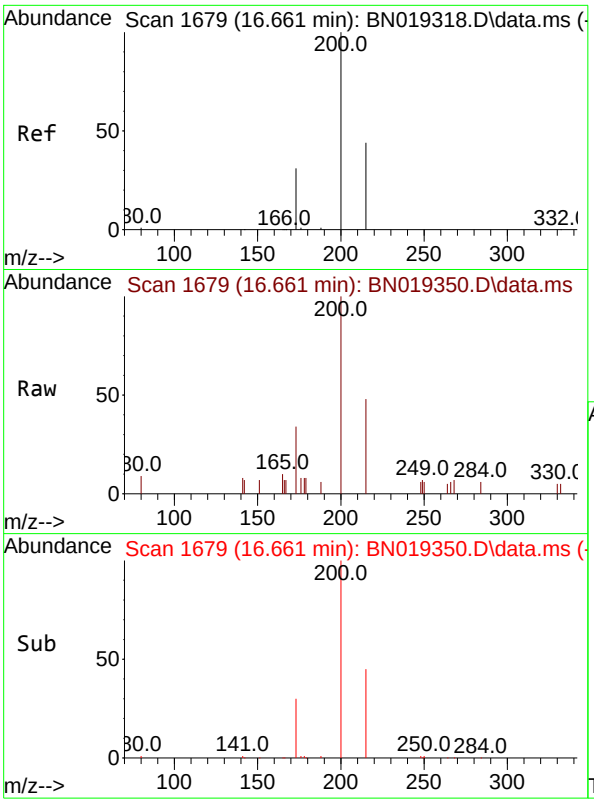


#22
Hexachlorobenzene
Concen: 0.352 ng
RT: 16.528 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion:284 Resp: 2798

Ion	Ratio	Lower	Upper
284	100		
142	37.2	29.8	44.8
249	33.5	26.2	39.2



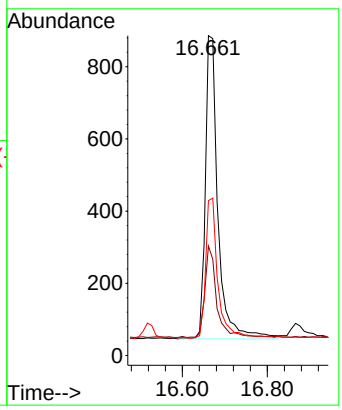


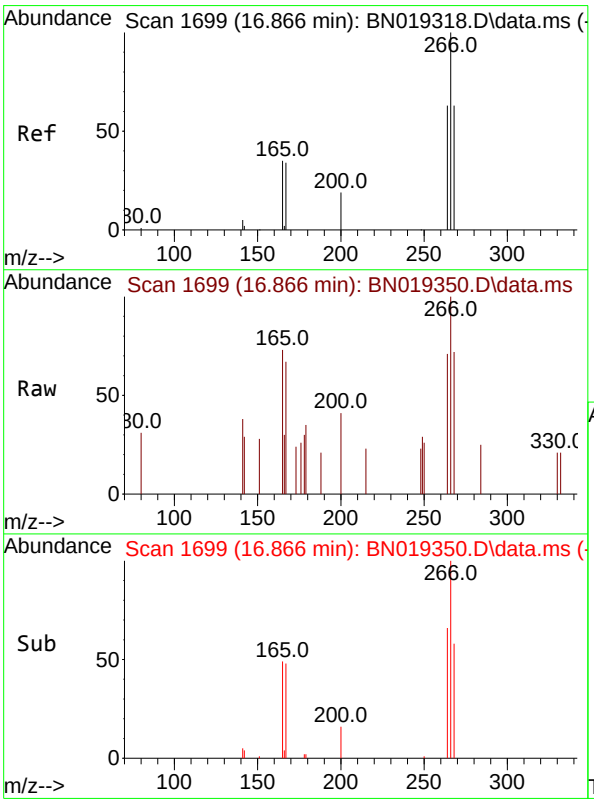
#23
Atrazine
Concen: 0.311 ng
RT: 16.661 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:200 Resp: 1738

Ion	Ratio	Lower	Upper
200	100		
173	34.2	23.9	35.9
215	48.4	36.6	54.8

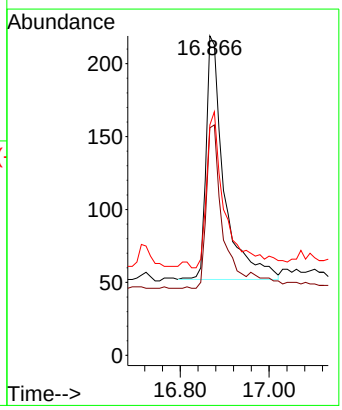


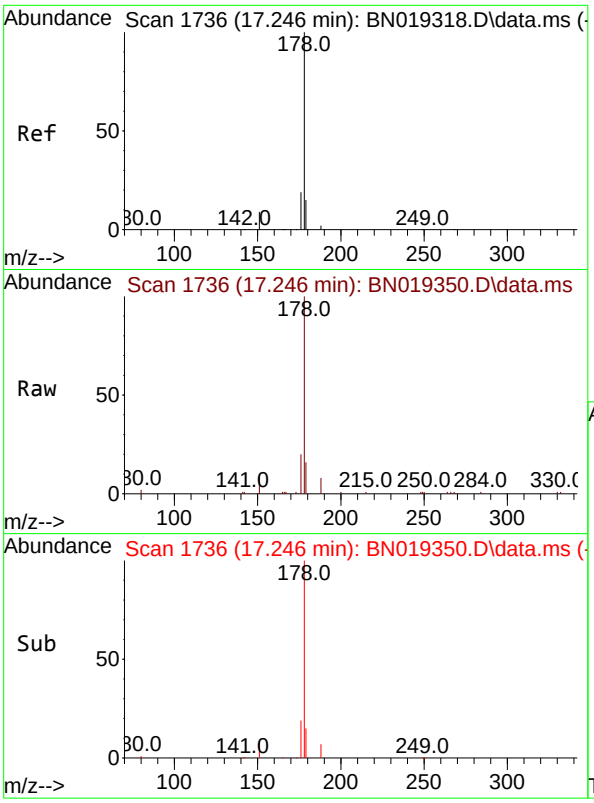


#24
Pentachlorophenol
Concen: 0.152 ng
RT: 16.866 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion:266 Resp: 469

Ion	Ratio	Lower	Upper
266	100		
264	58.4	50.2	75.4
268	65.7	51.9	77.9



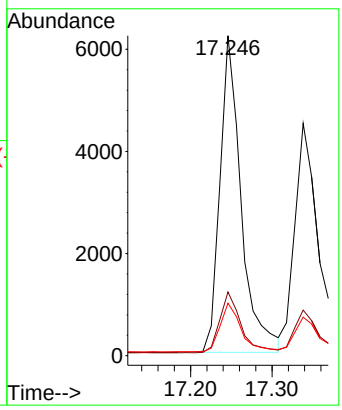


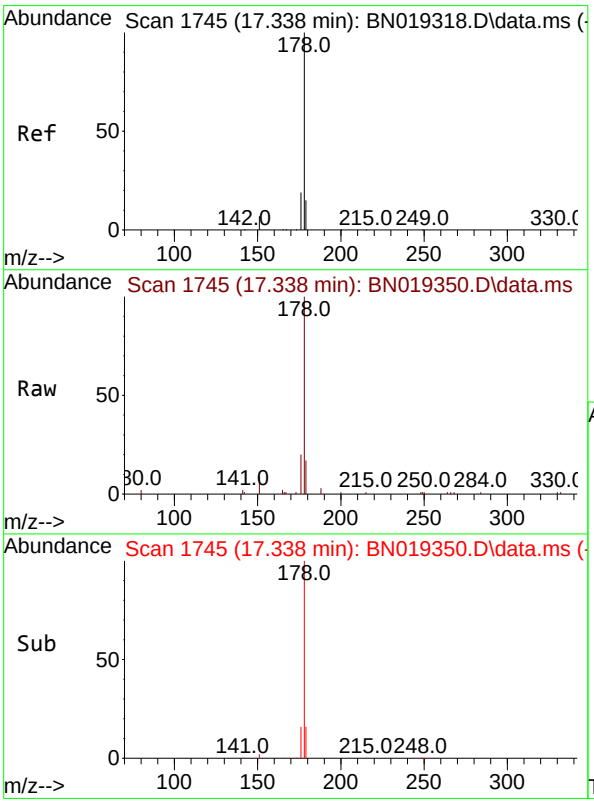
#25
Phenanthrene
Concen: 0.331 ng
RT: 17.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:178 Resp: 11194

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.6	12.2	18.2

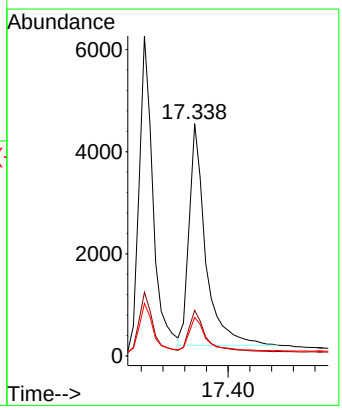


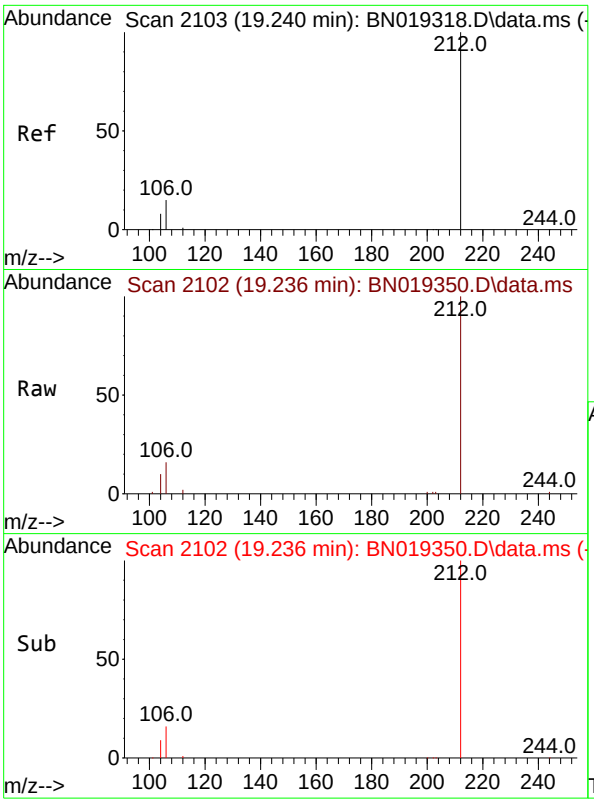


#26
Anthracene
Concen: 0.309 ng
RT: 17.338 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion:178 Resp: 9183

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	14.8	12.2	18.4



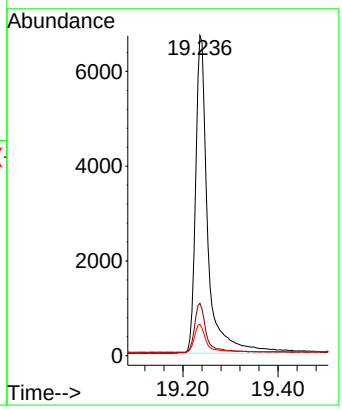


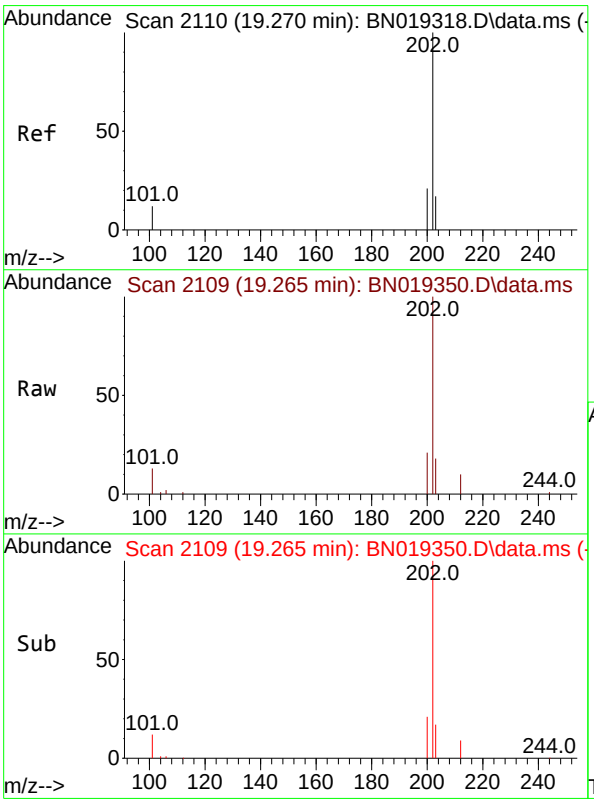
#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.236 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:212 Resp: 11973

Ion	Ratio	Lower	Upper
212	100		
106	15.0	12.7	19.1
104	8.5	7.1	10.7

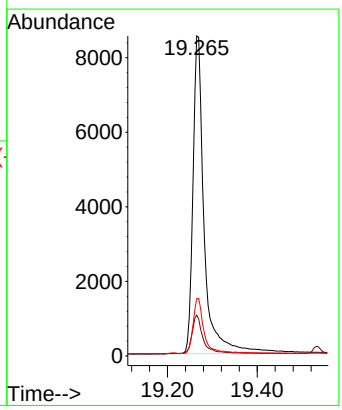


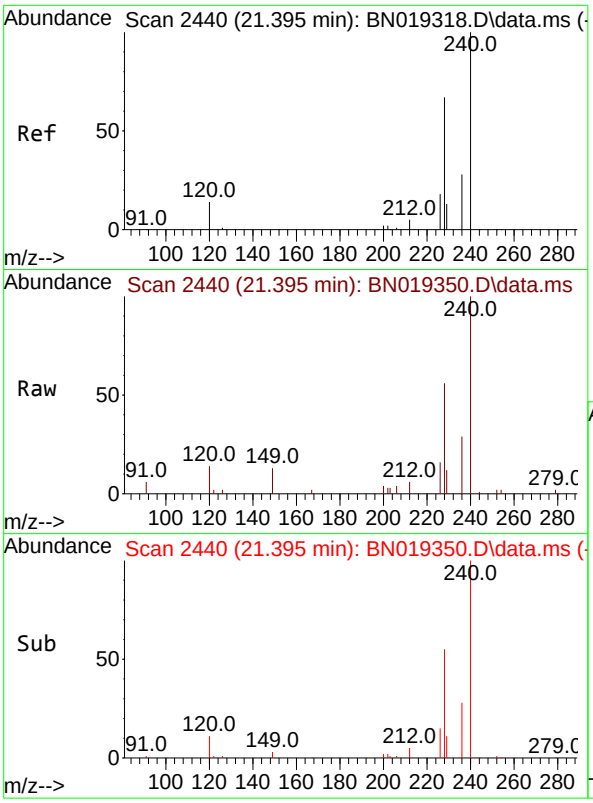


#28
Fluoranthene
Concen: 0.373 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion:202 Resp: 14936

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.6
203	17.2	13.7	20.5



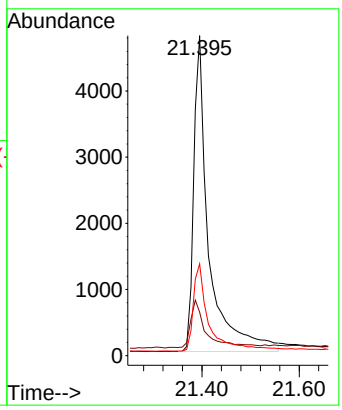


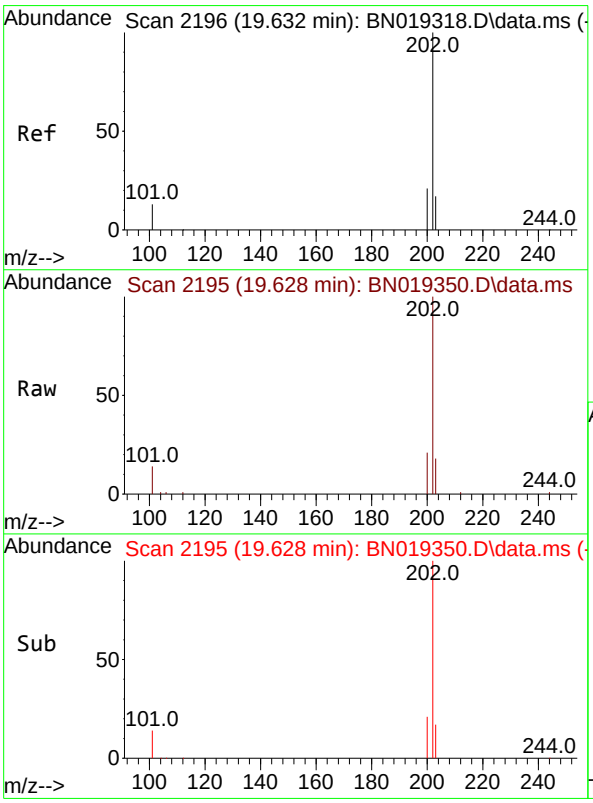
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:240 Resp: 10222

Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.5	12.7#
236	28.7	22.4	33.6

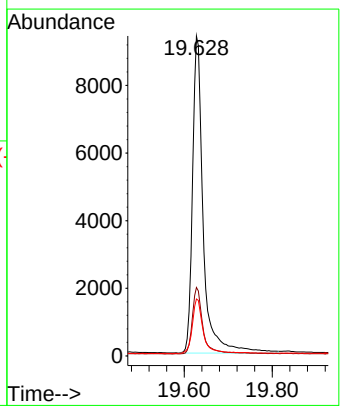


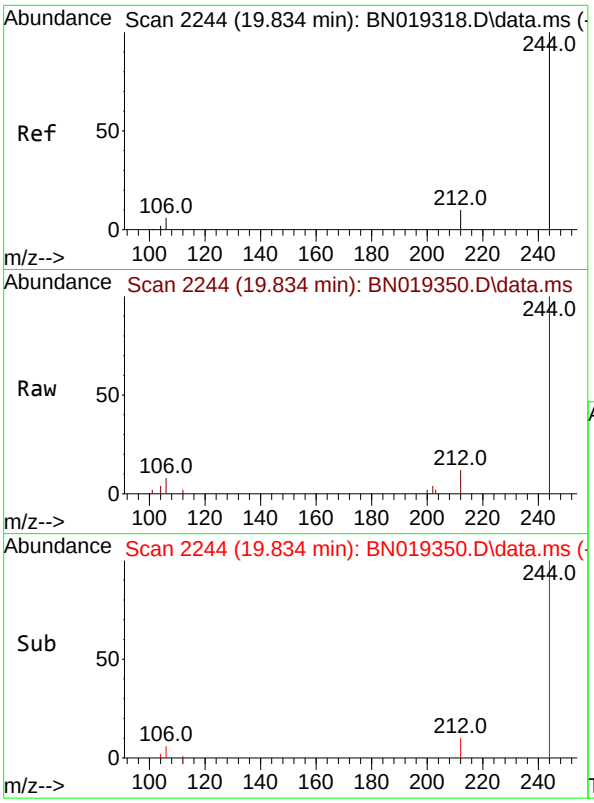


#30
Pyrene
Concen: 0.336 ng
RT: 19.628 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion:202 Resp: 15964

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.6	14.2	21.2



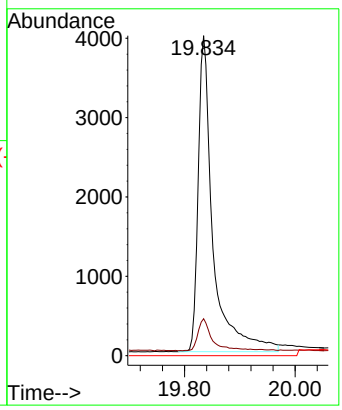


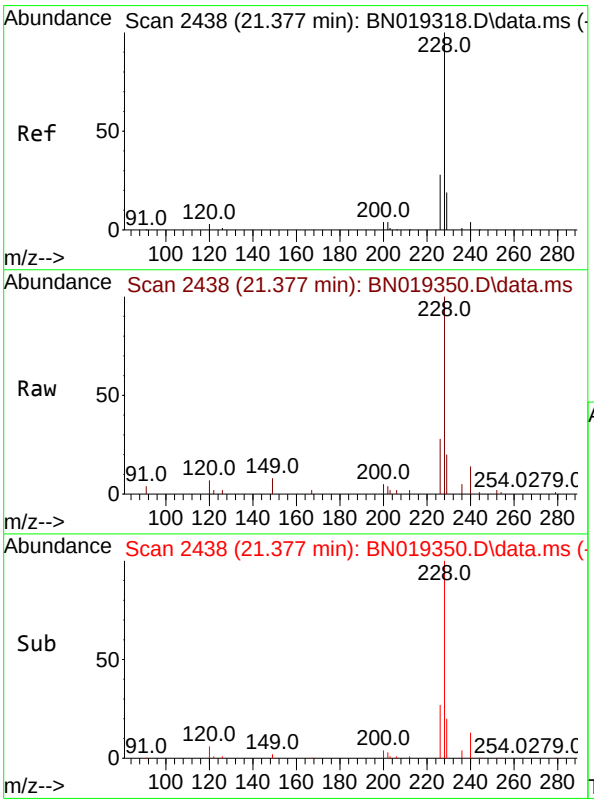
#31
Terphenyl-d14
Concen: 0.333 ng
RT: 19.834 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:244 Resp: 7388

Ion	Ratio	Lower	Upper
244	100		
212	11.5	8.2	12.4
122	0.0	0.0	0.0

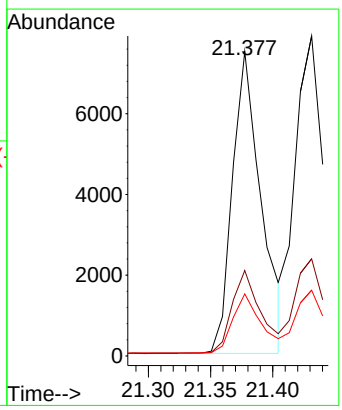


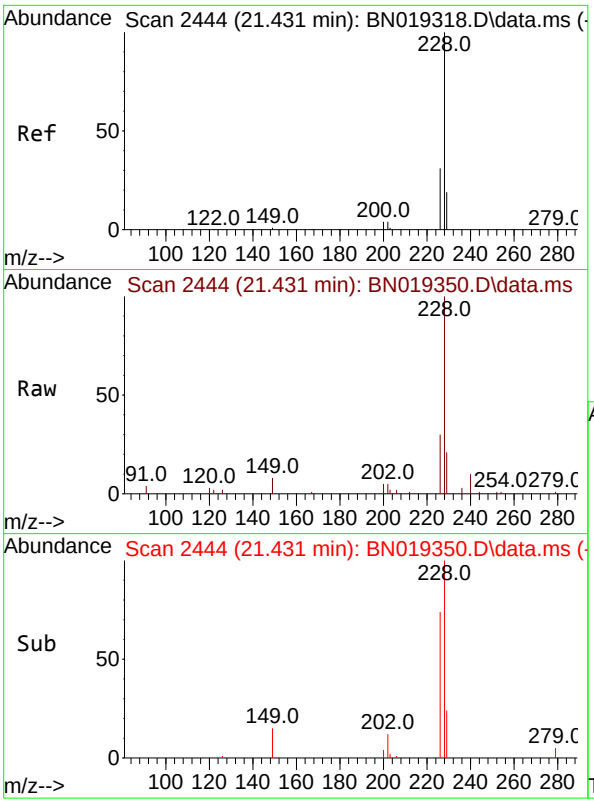


#32
Benzo(a)anthracene
Concen: 0.318 ng
RT: 21.377 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion:228 Resp: 12017

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.9	32.9
229	20.4	16.0	24.0



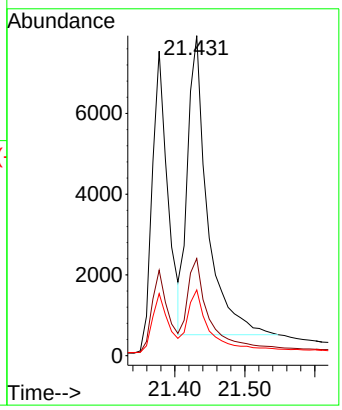


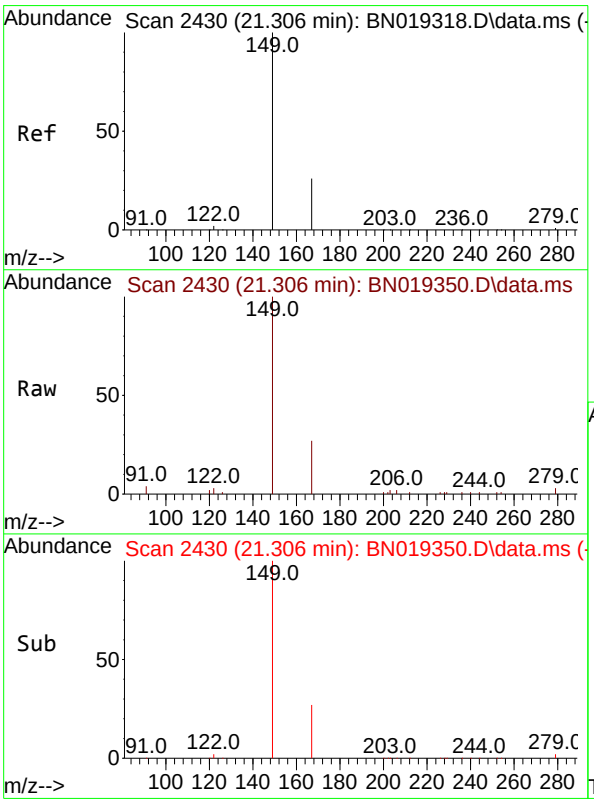
#33
Chrysene
Concen: 0.348 ng
RT: 21.431 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:228 Resp: 14613

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	20.6	15.9	23.9

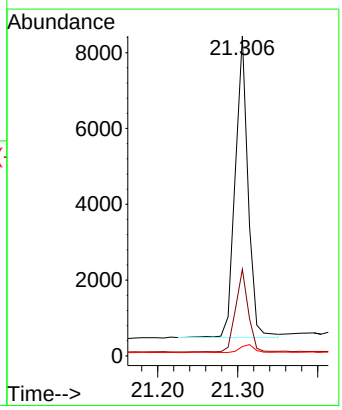


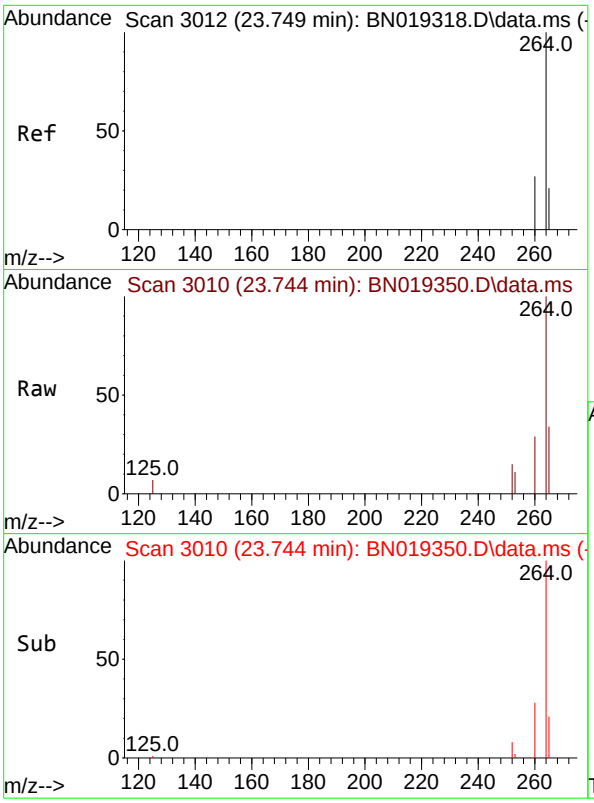


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.315 ng
RT: 21.306 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion:149 Resp: 8864

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.8
279	2.9	2.0	3.0



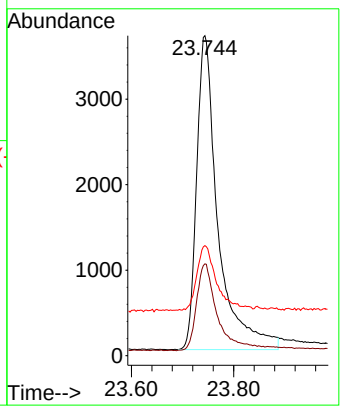


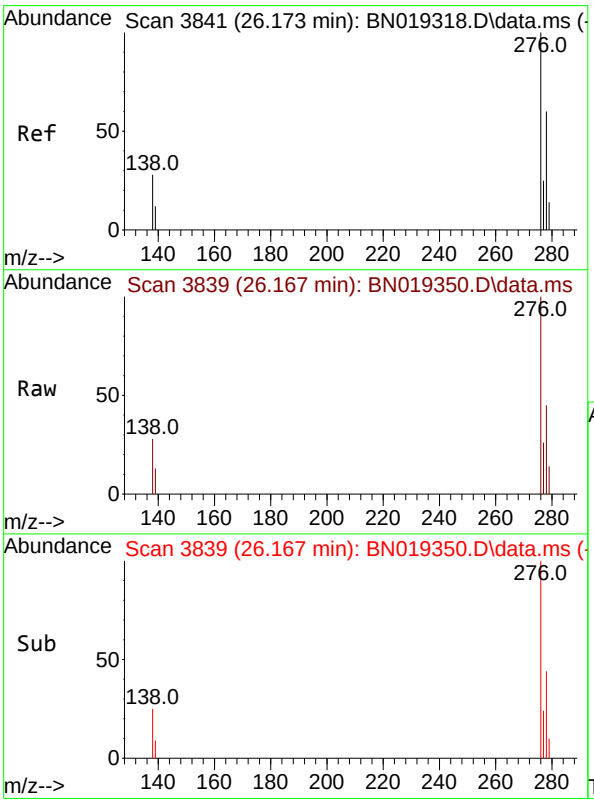
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:264 Resp: 10649

Ion	Ratio	Lower	Upper
264	100		
260	28.7	22.4	33.6
265	34.4	25.3	37.9

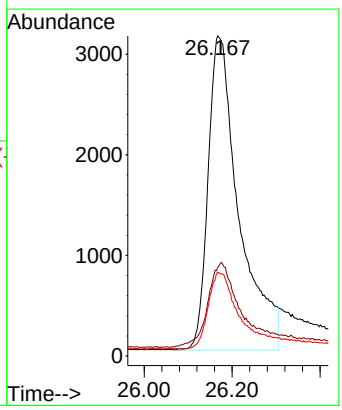


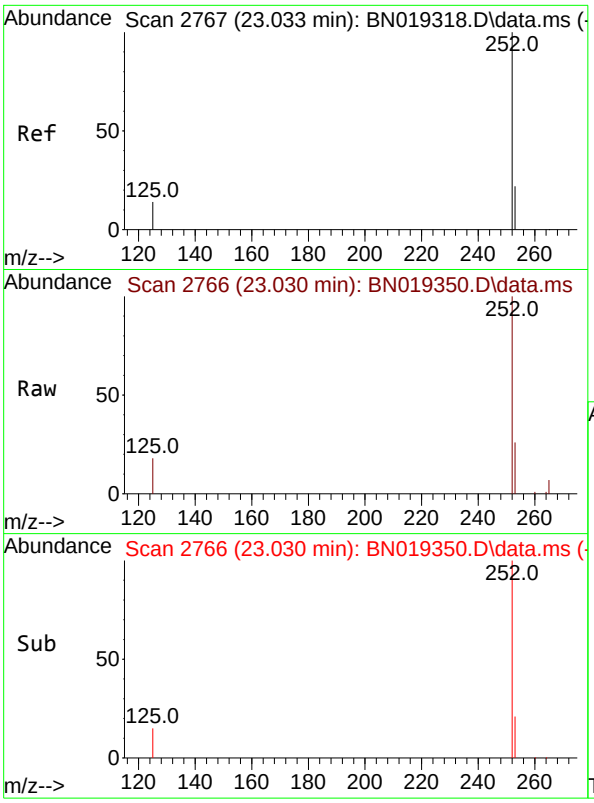


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng
RT: 26.167 min Scan# 3839
Delta R.T. -0.006 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion:276 Resp: 15232

Ion	Ratio	Lower	Upper
276	100		
138	27.8	24.5	36.7
277	24.6	19.8	29.8



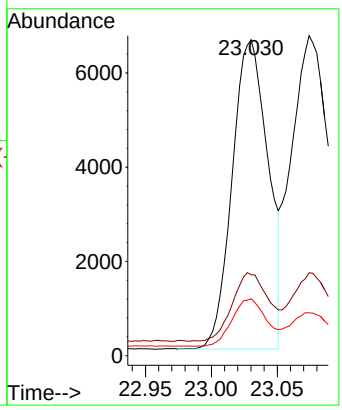


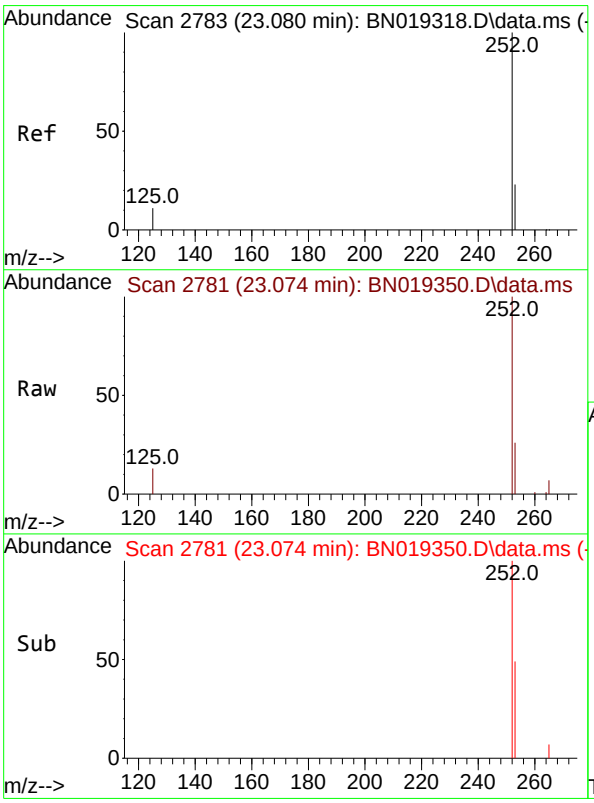
#37
Benzo(b)fluoranthene
Concen: 0.298 ng
RT: 23.030 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:252 Resp: 12433

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.9	28.3
125	18.0	12.1	18.1

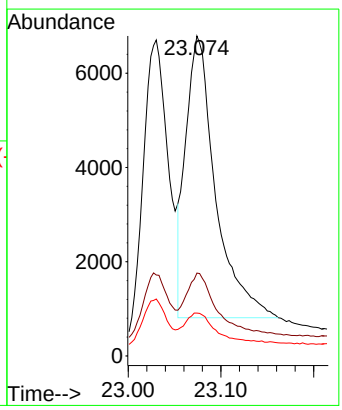


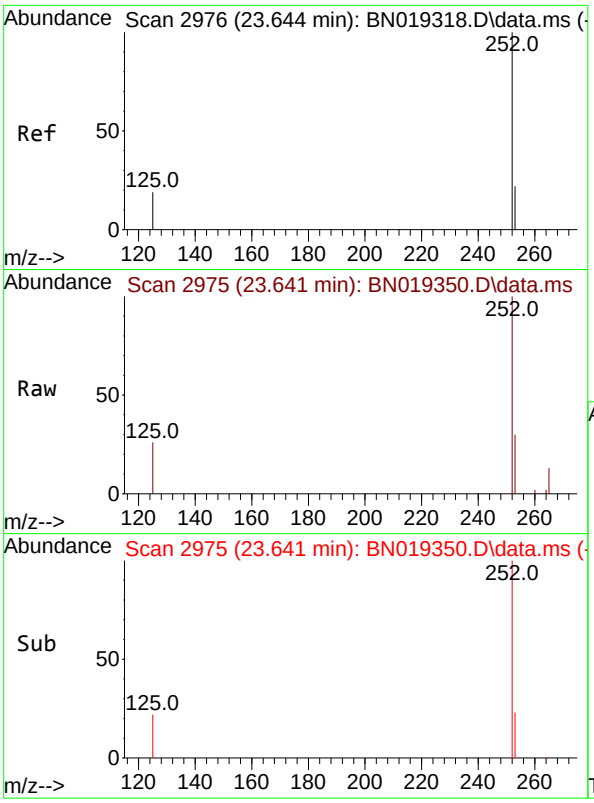


#38
Benzo(k)fluoranthene
Concen: 0.307 ng
RT: 23.074 min Scan# 2781
Delta R.T. -0.006 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion:252 Resp: 13378

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.9	28.3
125	13.4	10.3	15.5



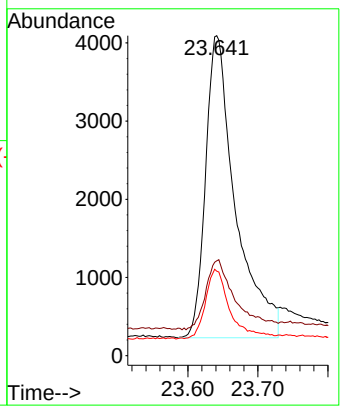


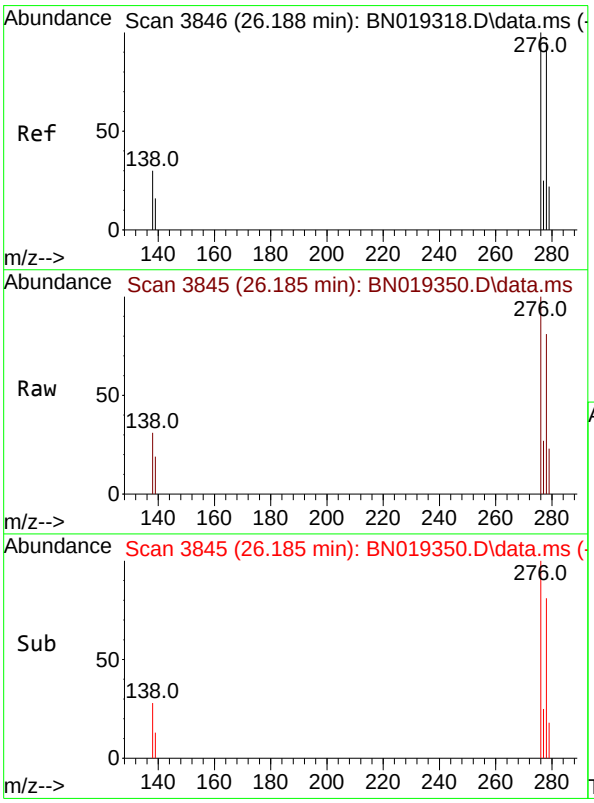
#39
Benzo(a)pyrene
Concen: 0.306 ng
RT: 23.641 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:252 Resp: 11486

Ion	Ratio	Lower	Upper
252	100		
253	29.7	20.1	30.1
125	26.4	15.2	22.8#

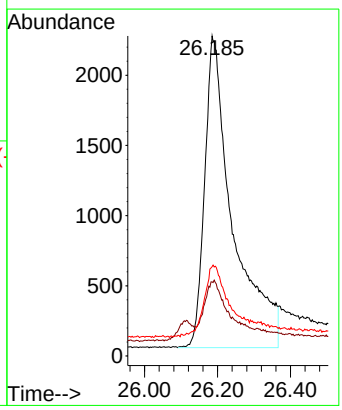


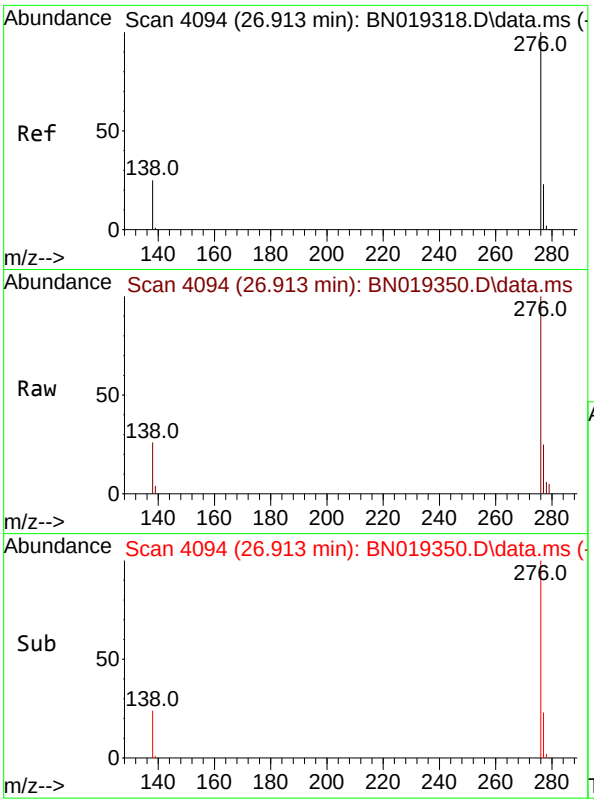


#40
Dibenzo(a,h)anthracene
Concen: 0.344 ng
RT: 26.185 min Scan# 3845
Delta R.T. -0.003 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Tgt Ion:278 Resp: 11877

Ion	Ratio	Lower	Upper
278	100		
139	23.2	17.2	25.8
279	27.9	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.363 ng
RT: 26.913 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN019350.D
Acq: 05 Apr 2022 15:16

Instrument :
BNA_N
ClientSampleId :
PB143842BS

Tgt Ion:276 Resp: 14982

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.0
138	25.8	21.0	31.6